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Form PTO 1449 US Department of Commerce Patent	ATTY DOCKET NO: P-LJ 5101	SERIAL NO. 10/024,450
and Trademark Office	APPLICANT: Huang and Chadwick	the un
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: December 17, 2001	GROUP: (**) (**) (**) (**) (**) (**) (**) (**

U.S. PATENT DOCUMENTS

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EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
\$	 5,811,304	09/22/98	Huang	435	325	06/02/95
	 5,831,008	11/03/98	Huang	530	350	03/06/95
<b>1</b>	6,069,231	05/30/00	Huang	530	327	08/18/95

## FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
					·	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

QJ	 Aaltonen et al., "Incidence of hereditary nonpolyposis colorectal cancer and the feasibility of molecular screening for the disease," New Eng. J. Med. 338:1481-1487 (1998).
	Abbondanza et al., "The retinoblastoma-interacting zinc-finger protein RIZ is a downstream effector of estrogen action," <a href="Proc. Natl. Acad. Sci.uSA">Proc. Natl. Acad. Sci.uSA</a> 97:3130-3135 (2000).

EXAMINER & Holdblig	DATE CONSIDERED 3/7/04
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Form PTO 1449	Commerce Patent	ATTY DOCKET NO: P-LJ 5101	SERIAL NO. 10/024,450
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INFORMATION DE		FILING DATE: Decmeber 17, 2001	GROUP: 11 12 10 10 10 10 10 10 10 10 10 10 10 10 10

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Ø1	÷	Boland et al., "A national cancer institute workshop on microsatellite instability for cancer detection and familial predesposition:  Development of international criteria for the determination of microsatellite instablility in colorectal cancer," <a href="Cancer Res.">Cancer Res.</a> 58:5248-5257 (1998).
	•	Buyse et al., "The retinoblastoma protein binds to RIZ, a zinc-finger protein that shares an epitope with the adenovirus ElA protein," <a href="Proc.Natl. Acad. Sci. USA">Proc. Natl. Acad. Sci. USA</a> 92:4467-4471 (1995).
		Canzian et al., "Semiautomated assessment of loss of heterozygosity and replication error in tumors," <u>Cancer Res.</u> 56:3331-3337 (1996).
	ě	Chadwick et al., "Candidate tumor suppressor RIZ is frequently involved in colorectal carcinogenesis," <a href="Proc. Natl. Acad. Sci. USA">Proc. Natl. Acad. Sci. USA</a> 97:2662-2667 (2000).
		Claij et al., "Microsatellite instability in human cancer: a prognostic marker for chemotherapy?," <a href="Exp. Cell Res.">Exp. Cell Res.</a> 246:1-10 (1999).
		Du et al., "Hypermethylation in human cancers of the RIZ1 tumor suppressor gene, a member of a histone/protein methyltransferase superfamily," Cancer Res. 61(22):8094-8099 (2001).
		Fang et al., "Mapping of a minimal deleted region in human hepatocellular carcinoma to 1p36.13-p36.23 and mutational analysis of the RIZ (PRDM2) gene localized to the region," Genes, Chromosomes & Cancer 28(3):269-275 (2000).
		Fang et al., "Preferential loss of a polymorphic RIZ allele in human hepatocellular carcinoma," <u>Brtish J. Cancer</u> 84(6):743-747 (2001).
V		Garriga et al., "Migrations of the Caenorhabditis elegans HSNs are regulated by egl-43, a gene encoding two zinc finger protiens," Genes Devel. 7:2097-2109 (1993).

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Form PTO 1449	US Department of Commerce Patent	ATTY DOCKET NO: P-LJ 5101	SERIAL NO. 10/024,450
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INFORMATION DI STATEMENT BY A		FILING DATE: Decmeber 17, 2001	GROUP: (%)
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<b>%</b>	He et al., "RIZ1, but not the alternative RIZ2 product of the same gene, is underexpressed in breast cancer, and forced RIZ1 expression causes G2-M cell cycle arrest and/or apoptosis," <a href="Cancer Res.">Cancer Res.</a> 58:4238-4244 (1998).
	Huang, "The retinoblastoma protein-interacting zinc finger gene RIZ in 1p36-linked cancers," <u>Frontiers in Bioscience</u> 4: D528-532 (1999).
	Huang et al., "The PR domain of the Rb-binding zinc finger protein RIZ1 is a protein binding interface and is related to the SET domain functioning in chromatin-mediated gene expression," J. Biol. Chem. 273:15933-15939 (1998).
	Jiang et al., "The yin-yang of PR-domain family genes in tumorigenesis," Histol. Histopathol. 15:109-117 (2000).
	Jiang and Huang, "Decreased RIZ1 expression but not RIZ2 in hepatoma and suppression of hepatoma tumorigenicity by RIZ1," <a <u="" adenovirus="" cancer,"="" colorectal="" expressing="" gene="" href="Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:Intel:I&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Jiang and Huang, " in="" microsatellite-unstable="" of="" riz1="" suppressor="" therapy="" tumor="">Cancer Res. 61(5):1796-1798 (2001).</a>
	Kim et al., "Accumulated frameshift mutations at coding nucleotide repeats during the progression of gastric carcinoma with microsatellite instability," <a href="Lab. Invest.">Lab. Invest.</a> 79:1113-1120 (1999).
	Knudson, "Mutation and cancer: statistical study of retinoblastoma," <u>Proc. Natl. Acad. Sci. USA</u> 68:820-823 (1971).
	Kong et al., "PTEN1 is frequently mutated in primary endometrial carcinomas," Nat. Genet. 17:143-144 (1997).
<b>V</b>	Leygue et al., "Expression of lumican in human breast carcinoma," <u>Cancer</u> Res. 58:1348-1352 (1998).

EXAMINER J. Golberg	DATE CONSIDERED 3/17/04
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Form PTO 1449		ATTY DOCKET NO: P-LJ 5101	SERIAL NO. 10/024,450
	and Trademark Office	APPLICANT: Huang and Chadwick	TEN, YUN CEIL
INFORMATION DI STATEMENT BY A		FILING DATE: Decmeber 17, 2001	GROUP A COOP

Ø	Liu et al., "The retinoblastoma interacting zinc finger gene RIZ produces a PR domain-lacking product through an internal promoter," <u>J. Biol. Chem.</u> 272:2984-2991 (1997).
U	Mao et al., "Microsatellite alterations as clonal markers for the detection of human cancer," <a href="Proc. Natl. Acad. Sci. USA">Proc. Natl. Acad. Sci. USA</a> 91:9871-9875 (1994).
	Morishita et al., "Retroviral activation of a novel gene encoding a zinc finger protein in IL-3-dependent myeloid Leukemia cell lines," Cell 54:831-840 (1988).
	Morishita et al., "Unique expression of the human <i>Evi-1</i> gene in an endometrial carcinoma cell line: sequence of cDNAs and structure of alternatively spliced transcripts," Oncogene 5:963-971 (1990).
	Piao et al., "Frequent frameshift mutations of RIZ in sporadic gastrointestinal and endometrial carcinomas with microsatellite instability," <a href="Cancer Research">Cancer Research</a> 60:4701-4704 (2000).
	Roth et al., "p53 tumor suppressor gene therapy for cancer," Oncology 13(10):148-154 (1999).
	Sakurada et al., "RIZ, the retinoblastoma protein interacting zinc finger gene, is mutated in genetically unstable cancers of the pancreas, stomach, and colorectum," <a href="Genes, Chromosomes &amp; Cancer">Genes, Chromosomes &amp; Cancer</a> 30(2):207-211 (2001).
	Steele-Perkins et al., "Tumor formation and inactivation of RIZ1, an Rb-binding member of a nuclear protein-methyltransferase superfamily," <u>Genes and Development</u> 15(17):2250-2262 (2001).
	Xie et al., "Transcriptional repression mediated by the PR domain zinc finger gene RIZ," <u>J. Biol. Chem.</u> 272:26360-26366 (1997).
	Yamamoto et al., "Frameshift somatic mutations in gastrointestinal cancer of the microsatellite mutator phenotype," <u>Cancer Res.</u> 57:4420-4426 (1997).

EXAMINER	J. Goldberg.	DATE CONSIDERED 3/17/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.